

1    **WHAT IS CLAIMED IS:**

2           1. A collapsible barbecue grill assembly comprising:

3           a top rack (20) composed of two side frames (22a) (22b) and two  
4   panels (24a) (24b) pivotally and connecting between the two side frames  
5   (22a) (22b), wherein each side frame is a U-shaped frame and has a top and  
6   two arms and one of the panels has a curved collar (242) to surround more  
7   than half of a circumference of a corresponding one of the arms of the side  
8   frame to which the panel is attached to pivotally mount the panel (24) on the  
9   arm;

10          a leg assembly (10) attached to the top rack (20) to support the top  
11   rack (20) and having four legs to respectively and detachably engage with  
12   the two arms of two the side frames (22a) (22b); and

13          a foldable charcoal container (30) mounted on the top rack (20)  
14   composed of two symmetrical bodies (32) pivotally connected with each  
15   other to construct an enclosing wall with a bottom opening and a top opening,  
16   and a bottom plate (32) attached to the enclosing wall to cover the bottom  
17   opening.

18          2. The collapsible barbecue grill assembly as claimed in claim 1,  
19   wherein each symmetrical body (32) of the charcoal container (30) has a  
20   long side board (322) with two long sides and two short sides, and two wings  
21   (324) are respectively and pivotally attached to the two short sides of the  
22   long side board (322); and

23          each wing (324) on one of the symmetrical bodies (32) has a distal  
24   end pivotally connected to an adjacent distal end of a corresponding one of

1 the wings (324) on the other symmetrical body (32).

2 3. The collapsible barbecue grill assembly as claimed in claim 1,  
3 wherein two holding strips (34) are mounted between two side frames (22a)  
4 (22b) on the top rack (20) for resting the charcoal container (30) on the top  
5 rack (20), wherein each holding strip (34) has two ends and two curved ears  
6 (342) respectively formed on the two ends to hook partial periphery of the  
7 tops of the side frames (22a) (22b); and

8 a top flange (326) is outwardly formed on the long side board (322)  
9 of each symmetrical body (32) near the top opening of the enclosing wall to  
10 rest on a corresponding one of the two holding strips (34).

11 4. The collapsible barbecue grill assembly as claimed in claim 2,  
12 wherein two holding strips (34) are mounted between two side frames (22a)  
13 (22b) on the top rack (20) for resting the charcoal container (30) on the rack  
14 (20), wherein each holding strip (34) has two ends and two curved ears (342)  
15 respectively formed on the two ends to hook partial periphery of the tops of  
16 the side frames (22a) (22b); and

17 a top flange (326) is formed on the long side board (322) of each  
18 symmetrical body (32) near the top opening of the enclosing wall to rest on a  
19 corresponding one of the two holding strips (34).

20 5. The collapsible barbecue grill assembly as claimed in claim 4,  
21 wherein a horizontal member (26a) (26b) extends between the two arms of  
22 each side frame (22a) (22b).

23 6. The collapsible barbecue grill assembly as claimed in claim 1,  
24 wherein each leg is composed of a grounding tube (12) with a connecting

1 end and an abutting end and a middle tube (14) with an engaging end and an  
2 inserting end;

3 an enlarged rubber foot (122) is attached on the abutting end of the  
4 grounding tube (12);

5 a frustum (124) is formed on the connecting end of the grounding  
6 tube (12) and has a stub (126) formed on an outer periphery of the frustum  
7 (124);

8 the engaging end of the middle tube (14) has an inner diameter  
9 slightly smaller than a maximum outer diameter of the frustum (124) to  
10 tightly receive the frustum (124) and further has a dent formed inside to mate  
11 with the stub (126) of the grounding tube (12);

12 the inserting end of the middle tube (14) is a frustum (144) with a  
13 stub (146); and

14 each arm of the side frame connecting to the leg has an inner  
15 diameter slightly smaller than a maximum outer diameter of the inserting end  
16 to tightly receive the narrow frustum (144) of the middle tube (14) and  
17 further has a dent formed inside to mate with the stub (146) of the middle  
18 tube (14).

19 7. The collapsible barbecue grill assembly as claimed in claim 1,  
20 wherein the collapsible barbecue grill assembly further has a grill (40)  
21 mounted on the top rack (20) over the charcoal container (30).

22 8. The collapsible barbecue grill assembly as claimed in claim 1,  
23 wherein the collapsible barbecue grill assembly further has a grill plate (50)  
24 mounted on the top rack (20) over the charcoal container (30).